

RightMark Audio Analyzer test report

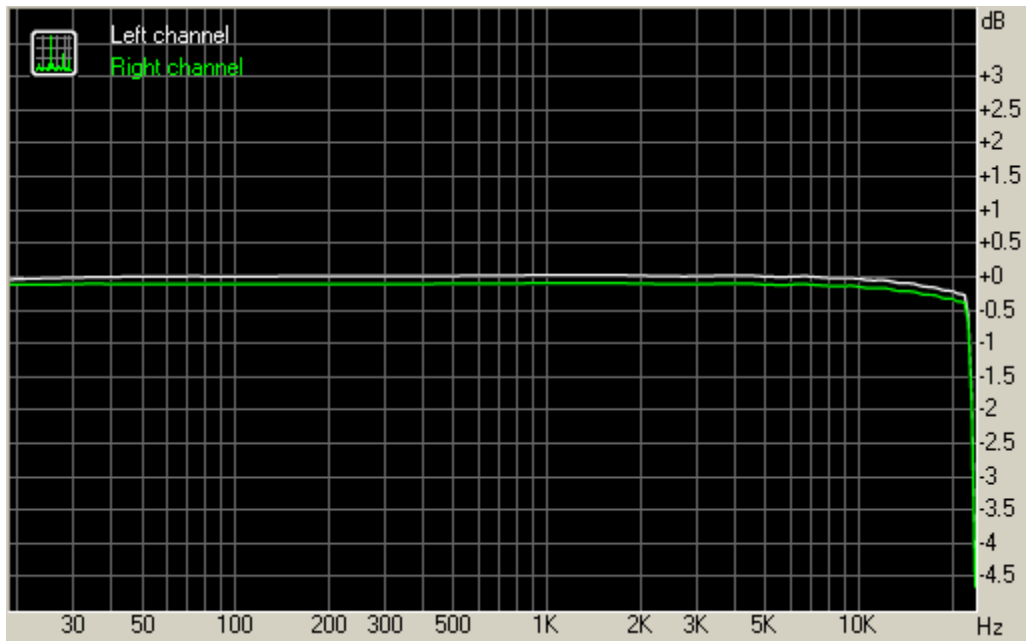
Testing device	XMOS Audio 2.0 Output
Sampling mode	24-bit, 48 kHz
Interface	MME
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.2.3

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-2.2 dB / -2.3 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

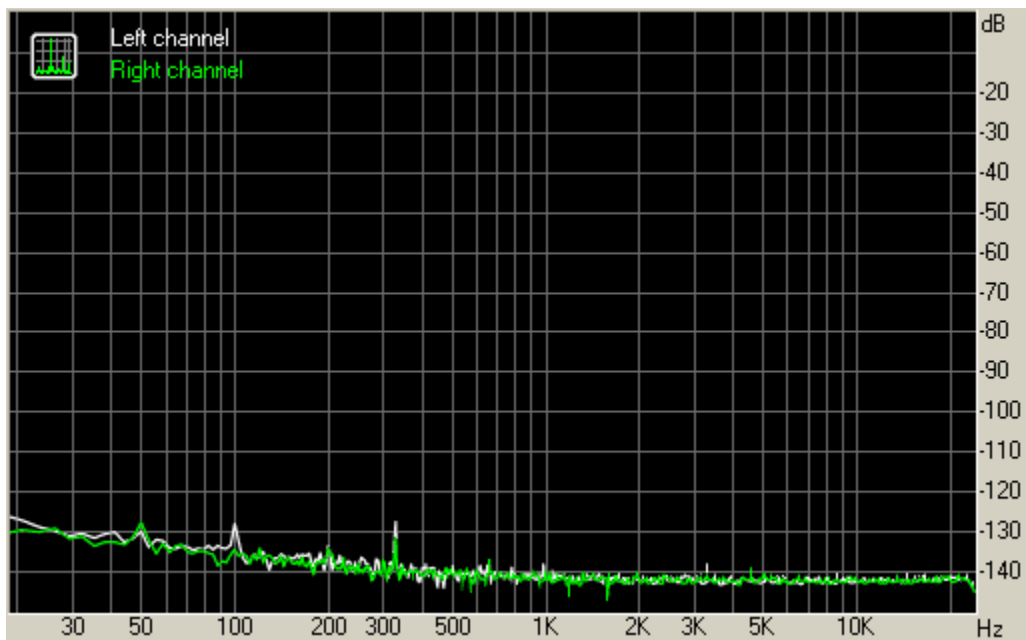
Frequency response (from 40 Hz to 15 kHz), dB	+0.02, -0.11	Excellent
Noise level, dB (A)	-109.5	Excellent
Dynamic range, dB (A)	109.5	Excellent
THD, %	0.0019	Excellent
THD + Noise, dB (A)	-90.1	Very good
IMD + Noise, %	0.0028	Excellent
Stereo crosstalk, dB	-108.2	Excellent
IMD at 10 kHz, %	0.0027	Excellent
General performance		Excellent

Frequency response



From 20 Hz to 20 kHz, dB	-0.22, +0.02
From 40 Hz to 15 kHz, dB	-0.11, +0.02

Noise level



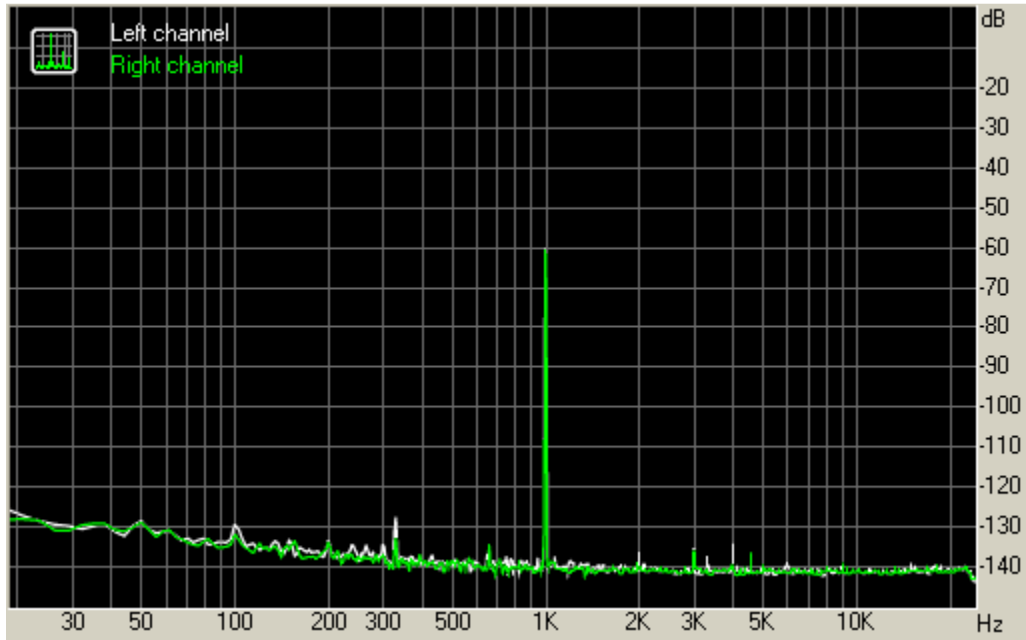
	Left	Right
RMS power, dB	-108.2	-108.3
RMS power (A-weighted), dB	-109.5	-109.6
Peak level, dB FS	-85.5	-80.1

DC offset, %

-0.0

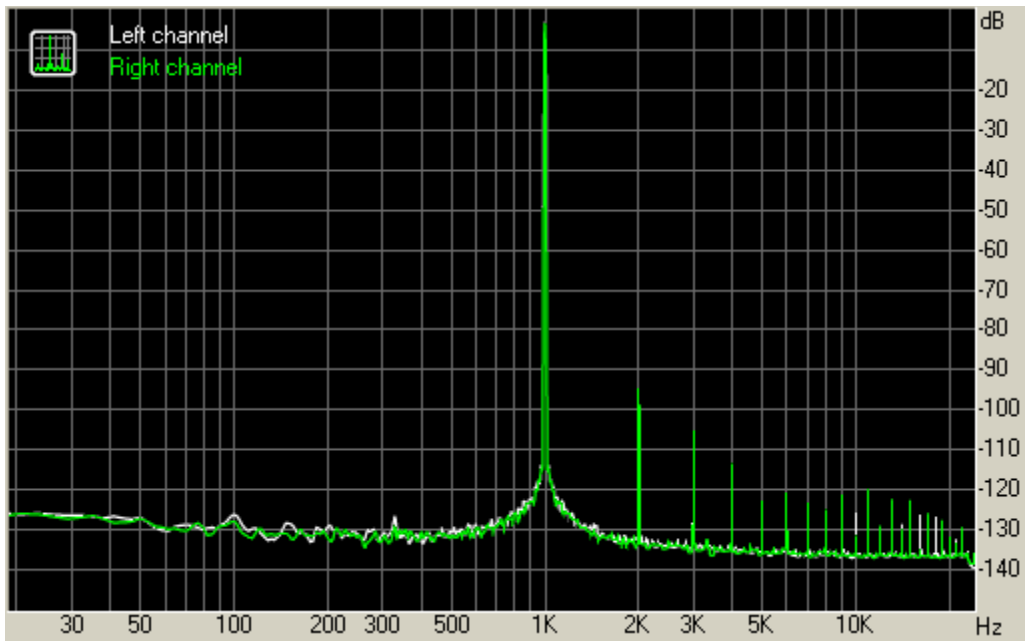
+0.0

Dynamic range



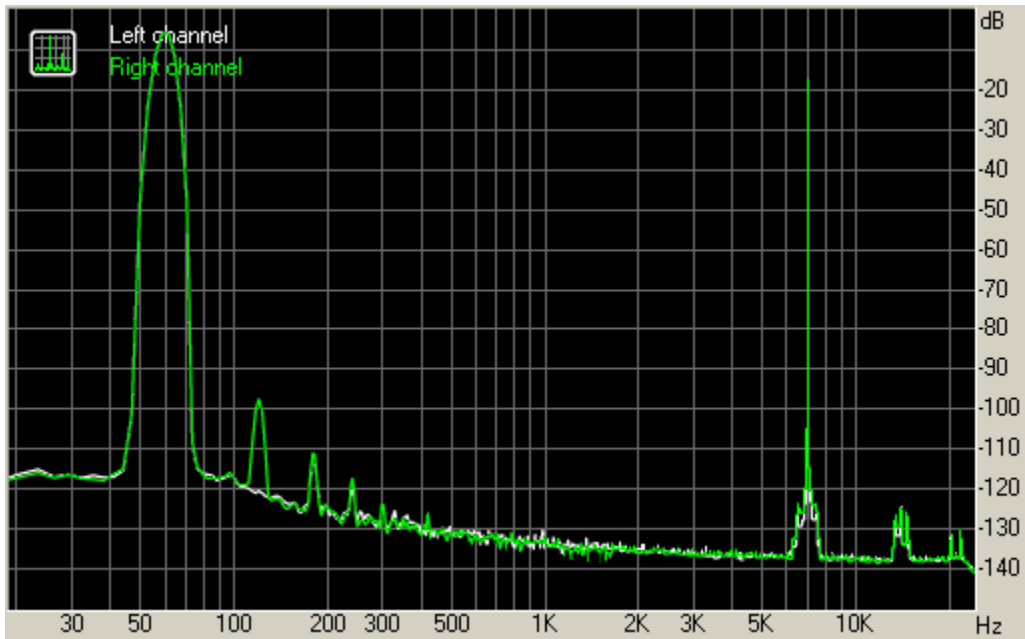
	Left	Right
Dynamic range, dB	+108.2	+108.4
Dynamic range (A-weighted), dB	+109.5	+109.6
DC offset, %	+0.00	-0.00

THD + Noise (at -3 dB FS)



	Left	Right
THD, %	+0.0009	+0.0028
THD + Noise, %	+0.0020	+0.0033
THD + Noise (A-weighted), %	+0.0022	+0.0041

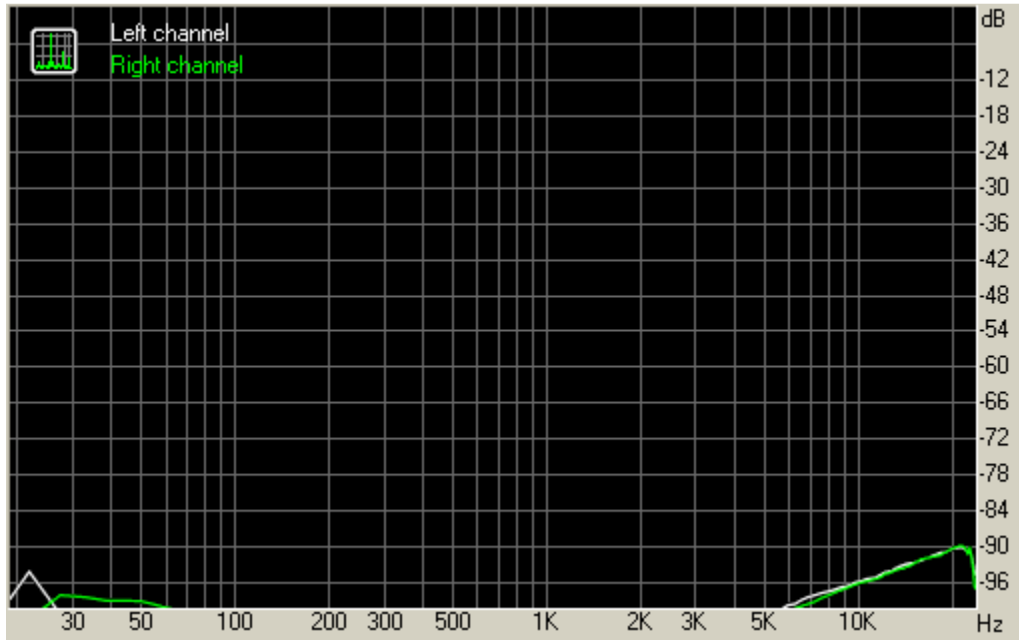
Intermodulation distortion



	Left	Right
IMD + Noise, %	+0.0021	+0.0034

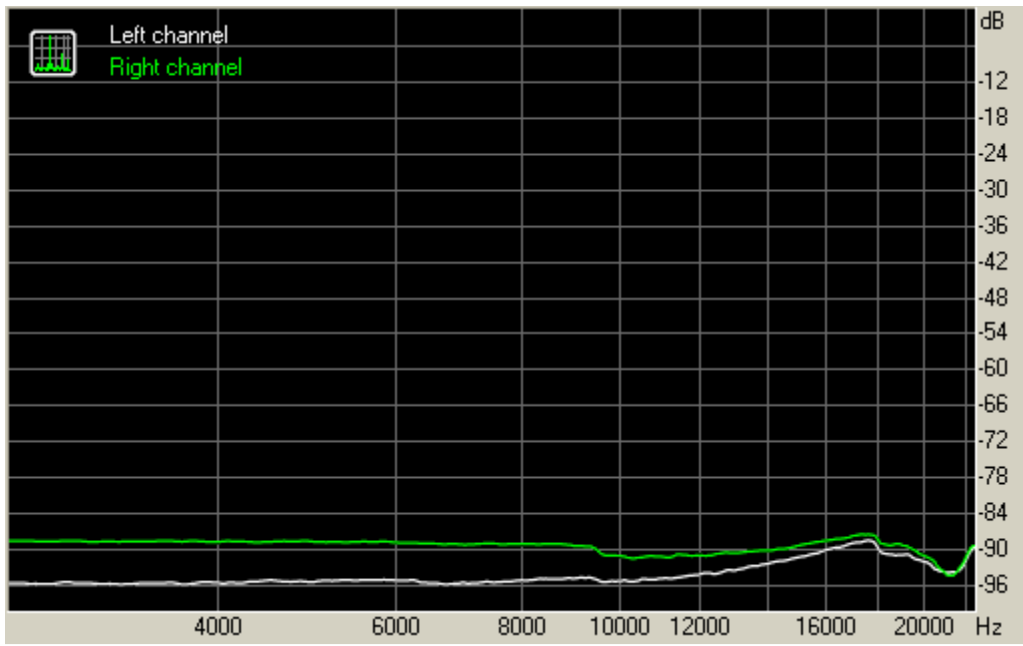
IMD + Noise (A-weighted), % +0.0015 +0.0021

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-107	-102
Crosstalk at 1000 Hz, dB	-107	-108
Crosstalk at 10000 Hz, dB	-95	-95

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.0017	0.0037
IMD + Noise at 10000 Hz,	0.0017	0.0028
IMD + Noise at 15000 Hz,	0.0027	0.0034